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| 10/750,120 | 12/30/2003 | Alan Keith Bartky | 134162 | 9796 |

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| EXAMINER |
|---|
| NGUYEN, PHUONGCHAU BA |

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS,
WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1)☒ Responsive to communication(s) filed on *6-17-8 rce*.

2a)☐ This action is **FINAL.**     2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4)☒ Claim(s) *1-21* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-21* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

**Application Papers**

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *30 December 2003* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

## *Claim Rejections – 35 USC § 103*

1.      The following is a quotation of 35 U.S.C. 103(a) which forms the basis for

all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or
> described as set forth in section 102 of this title, if the differences between the subject
> matter sought to be patented and the prior art are such that the subject matter as a whole
> would have been obvious at the time the invention was made to a person having ordinary
> skill in the art to which said subject matter pertains.  Patentability shall not be negatived by
> the manner in which the invention was made.

2.      Claims 1-5, 9-21 are rejected under 35 U.S.C. 103(a) as being

unpatentable over the admitted prior art (fig.1 as described in the Background

of this present application) in view of Paatela (US2006/0209840A1).



Regarding claim 1,

The admitted prior art discloses a hierarchical multiplexing method

comprising the steps of:

receiving a protocol data unit (PDU) associated with one of a plurality of

flows (see fig.1, wherein PDU were received at 110 flows);

sequentially processing the PDU at each of a plurality of hierarchical

levels (see page 2, lines 4-16, wherein PDU were being processed from the first

level of queues to the last), said processing at each of the plurality of

hierarchical levels consisting of:

characterizing the flow at the current hierarchical level (each flow at

the second level of queues, page 2, lines 10-13); and

gating the PDU based upon the character of the flow at the current level

(at any given enqueue or dequeue point, the queue structure may make a

decision to continue to process the packet, i.e., PDU, or discard it, as gating-

emphasis added, see page 2, lines 20-21); and

outputting the PDU if the PDU is passed at each of the plurality of

hierarchical levels (page 2, lines 20-27 and also see page 2, lines 13-16,

outputting data at egress port).

The admitted prior art discloses queue descriptors used to manage

packets within the queue, see page 2, line 23; a queue structure with multiple

levels of hierarchical queues has a number of drawbacks, wherein the queue

structure requires additional flow processing needed to make decisions whether

to pass or discard a packet, see page 2, lines 29-31; and queues consumes a

significant memory to retain queue state information including links relating

hierarchical queues, see page 3, line 5, and all other limitations in claim 1,

except (1) wherein the gating includes applying a color to the PDUs of the flows

based upon traffic parameters specific to those flows at a second hierarchical

level.

However, in the same field of endeavor, Paatela (US 2006/0209840 A1)

discloses network policing allows subscriber bandwidth to be controlled in

terms of the contracted service level that were provisioned and is typically used

at the ingress of the network. One manner for policing, for example in an MPLS

network, is Single Rate Tri-Color Marker (srTCM) or (trTCM) Two Rate Tri-Color

Maker.  Tri-Color marking provides a mechanism for marking packets when

they are exceed the contracted bandwidth.  A packet is marked Green if it does

not exceed the Committed Burst Size (BCS), Yellow if it does exceed the CBS,

but not the Excess Burst Size (EBS), and Red otherwise, See 0094-0096,

corresponding to (1). Therefore, it would have obvious to an artisan to apply

Paatela's teaching to the admitted prior art's system with the motivation being

to manage network congestion at the output link, and allowing the right

packets to be discarded while facilitating fairness of resource usage.


Regarding claim 2, The admitted prior art further discloses wherein the plurality

of hierarchical levels comprises a last hierarchical level (final level 108-fig.1),

wherein the step of sequentially processing the PDU at the last hierarchical level

comprises the step of queuing the PDU (see also, page 2, lines 4-19).


Regarding claim 3, The admitted prior art further discloses wherein the step of

queuing the PDU comprises the step of buffering the PDU at an egress queue

(final queue 108-fig.1) associated with an egress port of a network switching

device (see page 2, lines 13-15, the switch is not shown, but inherent therein,

see page 1 lines 24-30).

Regarding claim 4, The admitted prior art further discloses wherein the step of

queuing the PDU comprises the step of buffering the PDU preceding

transmission to a switch fabric (see page 2, lines 13-19, buffering at the final

queue 108).

Regarding claim 5, The admitted prior art further discloses wherein the step of

sequentially processing the PDU at one or more hierarchical levels comprises

performing one or more forwarding operations (see fig.1, wherein all PDUs, that

were received and not discarded, would be forwarded from first level of queues

to the next level of queues, i.e., second level of queues, 105-107, fig.1).

Regarding claim 9, The admitted prior art further discloses wherein:

characterizing comprises the step of measuring a flow rate for the flow

associated with the PDU based on a current hierarchical level (page 2, lines 20–

27); and gating comprises the step of discarding the PDU if it exceeds a

maximum bandwidth parameter (page 2, lines 20–27).


Regarding claim 10, The admitted prior art discloses all the claimed limitations,

except (1) wherein the gating comprises the steps of: associating with the PDU

a color marker using a three color marker algorithm; and applying discard

control logic to selectively discard the PDU based upon the color marker.

However, in the same field of endeavor, Paatela (US2006/0209840A1)

discloses a policer 711 having srTCM (single rate Tri-Color Marker) to discard

the right packets based on the srTCM color marker, see 0094–0095,

corresponding (1). Therefore, it would have been obvious to an artisan to apply

Paatela's teaching to the admitted prior's system with the motivation being to

provide a mechanism for marking packets when they exceed the contracted

bandwidth to help manage network congestion at the output link and to allow

the right packets to be discarded while facilitating fairness of resource usage.

Regarding claim 11,

The admitted prior discloses a hierarchical multiplexing method

comprising the steps of:

receiving a protocol data unit (PDU) associated with one of a plurality of

flows (see fig.1, wherein PDU were received at 110 flows);

sequentially processing the PDU at each of three or more hierarchical

levels (see page 2, line 19, wherein PDU were being processed from the first

level of queues to the last), said processing at each of the hierarchical levels

comprising the step of gating the PDU (at any given enqueue or dequeue point,

the queue structure may make a decision to continue to process the packet,

i.e., PDU, or discard it, as gating-emphasis added, see page 2, lines 20-27);

mapping the a plurality of flows between each of the hierarchical levels

(page 2, lines 10 & 20-27); and

outputting the PDU if the PDU is passed at each of the plurality of

hierarchical levels (page 2, lines 20-27 and also see page 2, lines 13-16,

outputting data at egress port).

The admitted prior art discloses queue descriptors used to manage

packets within the queue, see page 2, line 23; a queue structure with multiple

levels of hierarchical queues has a number of drawbacks, wherein the queue

structure requires additional flow processing needed to make decisions whether

to pass or discard a packet, see page 2, lines 29-31; and queues consumes a

significant memory to retain queue state information including links relating

hierarchical queues, see page 3, line 5, and all other limitations in claim 1,

except (1) wherein the gating includes applying a color to the PDUs of the flows

based upon traffic parameters specific to those flows at a second hierarchical

level.

However, in the same field of endeavor, Paatela (US 2006/0209840 A1) discloses network policing allows subscriber bandwidth to be controlled in terms of the contracted service level that were provisioned and is typically used at the ingress of the network. One manner for policing, for example in an MPLS network, is Single Rate Tri-Color Marker (srTCM) or (trTCM) Two Rate Tri-Color Maker.  Tri-Color marking provides a mechanism for marking packets when they are exceed the contracted bandwidth.  A packet is marked Green if it does not exceed the Committed Burst Size (BCS), Yellow if it does exceed the CBS, but not the Excess Burst Size (EBS), and Red otherwise, See 0094-0096, corresponding to (1).  Therefore, it would have obvious to an artisan to apply Paatela's teaching to the admitted prior art's system with the motivation being to manage network congestion at the output link, and allowing the right packets to be discarded while facilitating fairness of resource usage.

Regarding claim 12,

The admitted prior discloses a packet processing method comprising the

steps of:

receiving a protocol data unit (PDU) associated with one of a plurality of

flows (see fig.1, wherein PDU were received at 110 flows);

sequentially processing the PDU at each of a plurality of hierarchical

levels (see page 2, lines 4-16, wherein PDU were being processed from the first

level of queues to the last), said processing at each of the plurality of

hierarchical levels consisting of:

characterizing the flow at the current hierarchical level (each flow at

the second level of queues, page 2, lines 10-13); and

gating the PDU based upon the character of the flow at the current level

(at any given enqueue or dequeue point, the queue structure may make a

decision to continue to process the packet, i.e., PDU, or discard it, as gating-

emphasis added, see page 2, lines 20-21); and

outputting the PDU if the PDU is passed at each of the plurality of

hierarchical levels (page 2, lines 20-27 and also see page 2, lines 13-16,

outputting data at egress port).

The admitted prior art discloses queue descriptors used to manage

packets within the queue, see page 2, line 23; a queue structure with multiple

levels of hierarchical queues has a number of drawbacks, wherein the queue

structure requires additional flow processing needed to make decisions whether

to pass or discard a packet, see page 2, lines 29-31; and queues consumes a

significant memory to retain queue state information including links relating

hierarchical queues, see page 3, line 5, and all other limitations in claim 1,

except (1) wherein the gating includes applying a color to the PDUs of the flows

based upon traffic parameters specific to those flows at a second hierarchical

level.

However, in the same field of endeavor, Paatela (US 2006/0209840 A1)

discloses network policing allows subscriber bandwidth to be controlled in

terms of the contracted service level that were provisioned and is typically used

at the ingress of the network. One manner for policing, for example in an MPLS

network, is Single Rate Tri-Color Marker (srTCM) or (trTCM) Two Rate Tri-Color

Maker.  Tri-Color marking provides a mechanism for marking packets when

they are exceed the contracted bandwidth.  A packet is marked Green if it does

not exceed the Committed Burst Size (BCS), Yellow if it does exceed the CBS,

but not the Excess Burst Size (EBS), and Red otherwise, See 0094-0096,

corresponding to (1).  Therefore, it would have obvious to an artisan to apply

Paatela's teaching to the admitted prior art's system with the motivation being

to manage network congestion at the output link, and allowing the right

packets to be discarded while facilitating fairness of resource usage.


Regarding claim 13,

        The admitted prior art discloses a hierarchical multiplexor (fig.1)

comprising:

an input channel (110-fig.1) for receiving a protocol data unit (PDU) associated with one of a plurality of flows;

a plurality of hierarchical levels (three levels of queues, 101-103, 105-107 and 108), each hierarchical level consisting of:

means for characterizing the flow at the hierarchical level (page 2, lines 20-27); and

means for gating the PDU based upon the character of the flow at the hierarchical level (page 2, lines 20-27); and

means for mapping the PDU to a flow at the next hierarchical level (page 2, lines 20-27, also see page 2, line 10); and

an output channel (i.e., egress port on to the output channel-not shown, would have been inherent for transmitting the output data from egress port) for transmitting the PDU if the PDU is passed at each of the plurality of hierarchical levels.

The admitted prior art discloses queue descriptors used to manage

packets within the queue, see page 2, line 23; a queue structure with multiple

levels of hierarchical queues has a number of drawbacks, wherein the queue

structure requires additional flow processing needed to make decisions whether

to pass or discard a packet, see page 2, lines 29-31; and queues consumes a

significant memory to retain queue state information including links relating

hierarchical queues, see page 3, line 5, and all other limitations in claim 1,

except (1) wherein the gating includes applying a color to the PDUs of the flows

based upon traffic parameters specific to those flows at a second hierarchical

level.

However, in the same field of endeavor, Paatela (US 2006/0209840 A1)

discloses network policing allows subscriber bandwidth to be controlled in

terms of the contracted service level that were provisioned and is typically used

at the ingress of the network. One manner for policing, for example in an MPLS

network, is Single Rate Tri-Color Marker (srTCM) or (trTCM) Two Rate Tri-Color

Maker.  Tri-Color marking provides a mechanism for marking packets when

they are exceed the contracted bandwidth. A packet is marked Green if it does

not exceed the Committed Burst Size (BCS), Yellow if it does exceed the CBS,

but not the Excess Burst Size (EBS), and Red otherwise, See 0094-0096,

corresponding to (1). Therefore, it would have obvious to an artisan to apply

Paatela's teaching to the admitted prior art's system with the motivation being

to manage network congestion at the output link, and allowing the right

packets to be discarded while facilitating fairness of resource usage.


Regarding claim 14, The admitted prior further discloses wherein one or more

of the plurality of hierarchical levels further consists of means for performing

forwarding operations associated with the PDU (see fig.1, wherein all PDUs, that

were received and not discarded, would be forwarded from first level of queues

to the next level of queues, i.e., second level of queues, 105-107, fig.1).

Regarding claim 15, The admitted prior further discloses wherein the

hierarchical multiplexor further comprises a last hierarchical level (final queue

108-fig.1) comprising: means for characterizing the flow at the last hierarchical

level (page 2, lines 20-27); and means for gating the PDU based upon the

character of the flow at the last hierarchical level (page 2, lines 20-27).


Regarding claim 16, The admitted prior further discloses wherein the last

hierarchical level (final queue 180-fig.1) further comprises a queue for

buffering the PDU at the output channel (i.e., egress port on to the output

channel-not shown, would have been inherent for transmitting the output data

from egress port).


Regarding claim 17, The admitted prior further discloses wherein the means for

characterizing the flow comprises a meter for measuring the flow rate of the

flow associated with the PDU (page 2, lines 20-27).

Regarding claim 18, The admitted prior further discloses wherein the means for

gating the PDU comprises means for discarding the PDU depending on the flow

rate (page 2, lines 20-27).

Regarding claim 21,

The Admitted prior art (fig.1) discloses a hierarchical multiplexor (queue

structure 100-fig.1) for processing a protocol data unit (PDU) associated with

one of a plurality of flows (110-fig.1), the hierarchical multiplexor comprising:

a plurality of hierarchical levels (i.e., three levels, fig.1, wherein first level

of queues 101-103, second level of queues 105-107, and third/final level of

queue 108) for performing gating operations (i.e., passing), each hierarchical

level consisting of:

a meter for measuring the flow rate at the hierarchical level (page

2, lines 20-27; and

a gate for discarding the PDU based upon the flow rate at the

hierarchical level (page 2, lines 20-27); and

a last hierarchical level (i.e., the final level, fig.1) comprising a queue

(108-fig.1) for buffering the PDU prior to transmission.

The admitted prior art discloses queue descriptors used to manage

packets within the queue, see page 2, line 23; a queue structure with multiple

levels of hierarchical queues has a number of drawbacks, wherein the queue

structure requires additional flow processing needed to make decisions whether

to pass or discard a packet, see page 2, lines 29-31; and queues consumes a

significant memory to retain queue state information including links relating

hierarchical queues, see page 3, line 5, and all other limitations in claim 1,

except (1) wherein the gate applies a color to the PDUs of the flows based upon

traffic parameters specific to those flows at a second hierarchical level.

However, in the same field of endeavor, Paatela (US 2006/0209840 A1)

discloses network policing allows subscriber bandwidth to be controlled in

terms of the contracted service level that were provisioned and is typically used

at the ingress of the network. One manner for policing, for example in an MPLS

network, is Single Rate Tri-Color Marker (srTCM) or (trTCM) Two Rate Tri-Color

Maker.  Tri-Color marking provides a mechanism for marking packets when

they are exceed the contracted bandwidth.  A packet is marked Green if it does

not exceed the Committed Burst Size (BCS), Yellow if it does exceed the CBS,

but not the Excess Burst Size (EBS), and Red otherwise, See 0094-0096,

corresponding to (1).  Therefore, it would have obvious to an artisan to apply

Paatela's teaching to the admitted prior art's system with the motivation being

to manage network congestion at the output link, and allowing the right

packets to be discarded while facilitating fairness of resource usage.


Regarding claim 19, The admitted prior all the claimed limitations, except (1)

wherein the means for characterizing the flow further comprises a marker

module for marking the PDU in accordance with a Three-Color Marker (TCM)

algorithm.

However, in the same field of endeavor, Paatela (US2006/0209840A1) discloses a policer 711 having srTCM (single rate Tri-Color Marker), see 0094–0095, corresponding (1). Therefore, it would have been obvious to an artisan to apply Paatela's teaching to the admitted prior's system with the motivation being to provide a mechanism for marking packets when they exceed the contracted bandwidth to help manage network congestion at the output link and to allow the right packets to be discarded while facilitating fairness of resource usage.

Regarding claim 20, Paatela further discloses wherein the means for gating the PDU comprises means for discarding the PDU in accordance with the TCM algorithm, see 0094–0095, the motivation for combining the Paatela and the admitted prior is set forth in claim 19.

3.    Claims 6 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable

over the admitted prior art in view of Paatela (US2006/0209840A1) as applied

to claim 1 above, and further in view of Fine (6,813,250).



Regarding claims 6 and 8, The admitted prior art all the claimed limitations,

except (1)  wherein the one or more forwarding operations comprise appending

an address to the PDU (claim 6); (2) appending one or more virtual local area

network (VLAN) tags at one or more hierarchical levels.

However, in the same field of endeavor, Fine (6,813,250) discloses

appending source/destination address 332 &334 to header 302 for forwarding

the PDU packet to the next interconnect switch, see col.9, line 63–col.10, line

2), corresponding to (1) and VLAN tag to the PDU packet/frame, see figs. 3A–

3B, corresponding (2).  Therefore, it would have been obvious to an artisan to

apply Fine's teaching to the admitted prior's system with the motivation being

to only append the address upon necessity to reserve the packet length in

transition.

4.      Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over the

admitted prior art in view of Paatela (US2006/0209840A1) and Fine as applied

to claim 6 above, and further in view of Nogami (6,781,994).

Regarding claim 7, The admitted prior art all the claimed limitations, except (1)

wherein the appending of an address to the PDU comprises the steps of:

appending a virtual circuit identifier at a first hierarchical level; and appending

a virtual path identifier at a second hierarchical level.

However, in the same field of endeavor, Nogami (6,781,994) discloses

appending new VPI/VCI header to PDU that is corresponding to the next output

destination (NEXT HOP) to that data in place of an old one, see col.23, line 66–

col.24, line 7.  Therefore, it would have been obvious to an artisan to apply

Nogami's teaching to the admitted prior art with the motivation being to only

forward data to next hop as to only append the valid PDU packet with a new

VCI/VPI header to the next hop to help manage congestion in the switching

network.

### *Response to Arguments*

5.     Applicant's arguments filed 6-17-8 have been fully considered but they

are not persuasive.

       A/.  Applicant argued that Paatela does not teach characterizing the flow

at "the current hierarchical level" and wherein gating includes applying a color

to the PDUs of the flows based upon traffic parameters "specific to those flows

at a second hierarchical level".

       In response to applicant's arguments against the references individually,

one cannot show nonobviousness by attacking references individually where the

rejections are based on combinations of references.  See *In re Keller*, 642

F.2d 413, 208 USPQ 871 (CCPA 1981); *In re Merck & Co.,* 800 F.2d 1091, 231

USPQ 375 (Fed. Cir. 1986).

       Applicant is also directed to page 2, lines 4-16 in the prior art wherein

characterizing the flow at "the current hierarchical level" (each flow at the

second level of queues, page 2, lines 10-13)

The admitted prior art discloses queue descriptors used to manage

packets within the queue, see page 2, line 23; a queue structure with multiple

levels of hierarchical queues has a number of drawbacks, wherein the second

hierarchical level is included, wherein the queue structure requires additional

flow processing needed to make decisions whether to pass or discard a packet,

see page 2, lines 29-31; and queues consumes a significant memory to retain

queue state information including links relating hierarchical queues, see page

3, line 5, and at any given enqueue or dequeue point (i.e., second hierarchical

level), the queue structure may make a decision to continue to process the

packet, i.e., PDU, or discard it, as gating-emphasis added, see page 2, lines 20-

21; Except (1) wherein gating includes applying a color to the PDUs of the flows

based upon traffic parameters "specific to those flows at a second hierarchical

level"

However, in the same field of endeavor, Paatela (US 2006/0209840 A1)

discloses network policing allows subscriber bandwidth to be controlled in

terms of the contracted service level that were provisioned and is typically used

at the ingress of the network. One manner for policing, for example in an MPLS

network, is Single Rate Tri-Color Marker (srTCM) or (trTCM) Two Rate Tri-Color

Maker.  Tri-Color marking provides a mechanism for marking packets when

they are exceed the contracted bandwidth.  A packet is marked Green if it does

not exceed the Committed Burst Size (BCS), Yellow if it does exceed the CBS,

but not the Excess Burst Size (EBS), and Red otherwise, See 0094-0096,

corresponding to (1).  Therefore, it would have obvious to an artisan to apply

Paatela's teaching to the admitted prior art's system with the motivation being

to manage network congestion at the output link, and allowing the right

packets to be discarded while facilitating fairness of resource usage.


6.      Any inquiry concerning this communication or earlier communications

from the examiner should be directed to PHUONGCHAU BA NGUYEN whose

telephone number is (571)272-3148.  The examiner can normally be reached

on Monday-Friday from 8:30 a.m. to 5:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, Firmin Backer can be reached on 571-272-6703. The

fax phone number for the organization where this application or proceeding is

assigned is 571-273-8300.

Information regarding the status of an application may be obtained from

the Patent Application Information Retrieval (PAIR) system. Status information

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9197 (toll-free). If you would like assistance from a USPTO Customer Service

Representative or access to the automated information system, call 800-786-

9199 (IN USA OR CANADA) or 571-272-1000.

/PHUONGCHAU BA NGUYEN/
Examiner, Art Unit 2616